

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: JERROLD E. FRANKLIN et al.
Serial No.: 10/630,156
Filing Date: JULY 30, 2003
Title: ELECTRICAL CONTACTS FOR FUEL CELLS
Group: 1795
Examiner: MONIQUE M. WILLS
Docket No.: ALT6089.02A
Cust. No.: 08156

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.56(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 2. Form PTO/SB/08A-PTO/SB/08B (substitute for Form 1449)

FORM PTO/SB/08A-PTO/SB/08B IS BEING SUBMITTED HEREWITH IN 8 PAGE(S).

Section 3. Copies of Listed Information Items Accompanying This Statement

Legible copies of **all** items listed accompany this information disclosure statement are enclosed, except for U.S. patents and published applications, and except as indicated below:

 X **Exception(s) to above**

 X **US Patents and US Patent Publications are not submitted.**

 Cumulative patents or publications identified in Section 5.

Section 4. Concise Explanation of Non-English Language Listed Information Items

NOTE: "A concise explanation of the relevance, as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the information of each patent, publication, or other information listed that is not in the English language **shall** be included in any information disclosure statement filed under § 1.97. "The concise explanation may be either separate from the specification or incorporated therein." 37 CFR 1.98(a)(3).

NOTE: "[T]he explanation required is limited to the relevance as understood by the individual designated in § 1.56(c) most knowledgeable about the content of the information at the time the information is submitted to the Office."

Notice of January 9, 1992, 1136 O.G. 13-25, at 14.

NOTE: "Where the information listed is not in the English language, but was cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by submitting an English language version of the search report." Notice of January 9, 1992, 1136 O.G. 13-25, at 14.

NOTE: "The concise explanation requirement for non-English language information may be met by submission of an English language version of the search report indicating the degree of relevance found by the foreign office." Notice of January 9, 1992, 1136 O.G. 13-25, at 20.

WARNING: "The requirement in §1.98(a)(3) for a concise explanation of non-English information **would not** be satisfied by a statement that a reference was cited in the prosecution of a parent application." Notice of January 9, 1992, 1136 O.G. 13-25, at 20 (emphasis added).

Abstract of **DE 19624887 (A1)**

An electrochemical solid electrolyte cell system is based on a flat, gas- permeable, non-conductive flexible polymer substrate (1). The cell regions (3,4,5) consist of a porous, electrically-conductive, flexible electrode layer (7); a proton conducting, flexible membrane layer (8, 9, 10); and a second porous, flexible, electron-conducting electrode layer (11) laid one over the other, using coating technologies. Also claimed is a procedure to make the electrochemical cell system by successive deposition of layers on a substrate, as described. Further claimed are the use of the cell as an electrolysis system, splitting water into hydrogen and oxygen, and its use as a fuel cell converting hydrogen or methanol into electricity

Abstract of **JP 3049160 (A)**

PURPOSE:To obtain good sealing property, prevent the mixing of oxidizer gas and fuel gas, and prevent leakage by providing ring-shaped seal members inserted with insulators between multiple ring-shaped metal members between adjacent upper and lower separators of manifolds. CONSTITUTION:Ring-shaped seal members 14 are provided in oxidizer gas feed/ exhaust manifolds 4 and 5 and fuel gas feed/exhaust manifolds 6 and 7, ring- shaped metal members 16a and 16b of ring-shaped seal members 14 and adjacent separators 3 are welded together, thus both gases are completely sealed for feeding and exhausting, and oxidizer gas and fuel gas are not mixed. When respective members have approximate linear expansion coefficients at connection sections between ring-shaped metal members 16a and 16b and insulators 15 and welded sections between ring-shaped metal members 16a and 16b and separators 3, no distortion is generated by the difference in thermal expansion, and durability and the sealing property can be secured.

Section 5. Translation(s) of Non-English Language Documents

NOTE: "If a written English language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in § 1.56(c), a copy of the translation shall accompany the statement." 37 CFR 1.98(c).

NOTE: "The Office does not intend to require translations unless they have been reduced to writing and are actually translations of what is contained in non-English language information. Applicants should note, however, that most examiners do not have the ability to understand information which is not English and the that Office will not routinely translate information submitted in a non-English language. The examiner will consider the information insofar as it is understood on its face, e.g., drawings, chemical formulas, English-language abstracts, but will not have the information translated unless it appears to be necessary to do so. Applicants are required to aid the examiner by complying with the requirements of a concise explanation in § 1.98(a)(3) for information submitted in a non-English language." Notice of January 9, 1992, 1135 O.G. 13-25, at 21.

 X No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.

 The following foreign language documents submitted are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith.

 Submitted herewith is an English language translation of the following foreign patents, publications or information or of those portions of those patents, publications or information considered to be material:

Section 6. Signature of Attorney

Dated: 10/08/2009

/John P. O'Banion/

SIGNATURE OF ATTORNEY

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